

### PLAN TRAFFIC BARRIER

TYPICAL AT END OF MODIFIED TRAFFIC BARRIER END SECTION WHERE THREE BEAM END SECTION "DESIGN F" STD. PLAN C-7a OR GUARDRAIL END SECTION "DESIGN D OR F" STD. PLAN C-5 IS USED

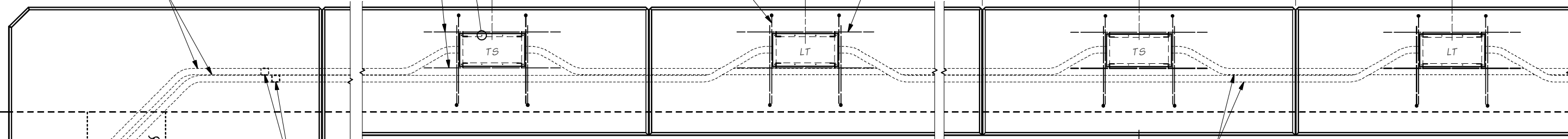
#### NOTE TO DESIGNERS

1. BARRIER END SECTION.
2. REMOVE GUARDRAIL IF NOT CONNECTED TO BRIDGE ITEM.
3. CONDUIT ALIGNMENT

10'-0" STEEL CONDUIT SECTION BETWEEN CONDUIT DEFLECTION FITTING A AND PVC CONDUIT IN STATIONARY FORM BARRIER

STAINLESS STEEL COVER SCREWS (TYP.)  
SECURE CONDUIT AND BOX TO REBAR TO PREVENT MOVEMENT

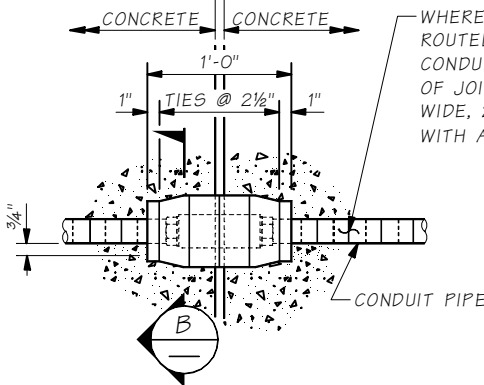
BUNDLE [R1] #5, [R2] #5 OR [R9] #5 ADJACENT TO EACH END OF JUNCTION BOX (TYP.)



### ELEVATION CONDUITS & J-BOX IN TRAFFIC BARRIER

LABEL JUNCTION BOX COVER IN ACCORDANCE WITH STANDARD SPECIFICATION 9-29.2(4) AND SPECIAL PROVISIONS. ADJACENT JUNCTION BOXES ARE SHOWN CENTERED BETWEEN ADJACENT DUMMY JOINTS. IF THE DISTANCE BETWEEN ADJACENT DUMMY JOINTS IS 16'-0" OR GREATER, PLACE ADJACENT JUNCTION BOXES SYMMETRICALLY ON EITHER SIDE OF THE CENTER OF ONE DUMMY PANEL WHILE MAINTAINING 8'-0" MINIMUM BETWEEN CENTER LINES OF THE JUNCTION BOXES.

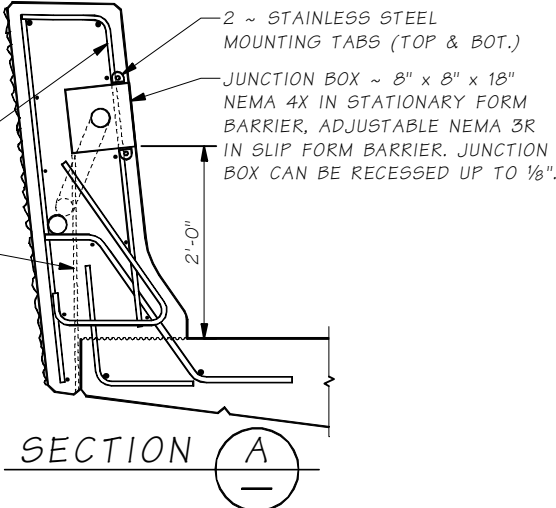
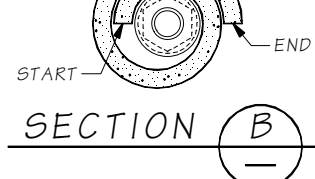
1/2" PREMOLDED JOINT FILLER  
SEE STANDARD PLANS



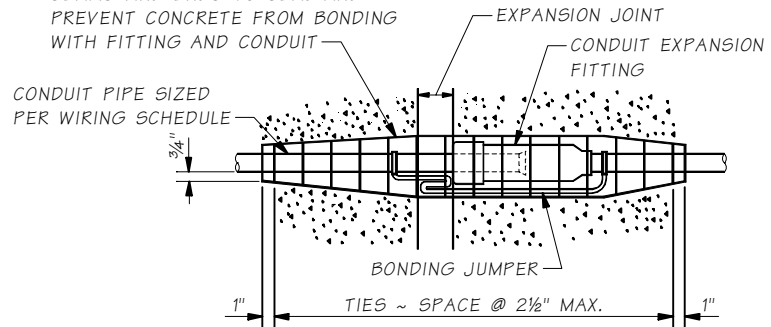
### CONDUIT DEFLECTION FITTING B

CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND 3/4" MOVEMENT. CONDUIT PIPES PLACED THROUGH RETAINING WALL TRAFFIC BARRIER SHALL BE FITTED WITH DEFLECTION FITTINGS AT A MAXIMUM SPACING OF 120'. THE DEFLECTION FITTINGS SHALL BE PLACED AT THE TRAFFIC BARRIER OPEN JOINT THAT COINCIDES WITH THE RETAINING WALL STEM EXPANSION JOINT NEAREST TO THE TRANSVERSE CONSTRUCTION JOINT IN THE WALL FOOTING.

3/4" POLYSTYRENE FOAM. WRAP 1 1/2 TIMES AROUND CONDUIT AND CONDUIT FITTING



3'-0" LONG EXPANDED POLYSTYRENE SLEEVE AROUND CONDUIT. DUCT TAPE SEAMS AND ENDS TO SEAL AND PREVENT CONCRETE FROM BONDING WITH FITTING AND CONDUIT



### CONDUIT EXPANSION FITTING

CONDUIT FITTING - (TYPE AX FOR MOVEMENT OF ± 2") AT BRIDGE EXPANSION JOINTS

WHERE CONDUIT IN A STRUCTURE IS ROUTED ACROSS A JOINT, WRAP STEEL CONDUIT PIPE FOR 1'-0" ON EACH SIDE OF JOINT. PIPE WRAP TAPE SHALL BE 2" WIDE, 20 MIL THICK, AND INSTALLED WITH A MINIMUM OF 1" OVERLAP

3" MIN., 6" MAX. (CONDUIT AND THREADS CAST OUTSIDE STRUCTURE)

CONDUIT DEFLECTION FITTING WITH INTERNAL BONDING JUMPER

CONDUIT PIPE

### CONDUIT DEFLECTION FITTING A

CONDUIT FITTING - TYPE DX FOR DEFLECTION OF 30° AND 3/4" MOVEMENT. PLACE AT CONDUIT PIPE EXIT FROM STRUCTURE

10.2-A5-3

SHEET  
JOB NO.  
SR

Bridge Design Engr.	M:\STANDARD\Traffic Barriers\Shape F\42IN SHAPE F BARRIER SHT 3.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Tue May 08 08:54:37 2012

BRIDGE AND STRUCTURES OFFICE



STANDARD TRAFFIC BARRIER

TRAFFIC BARRIER - SHAPE F 42"  
DETAIL 3 OF 3

BRIDGE SHEET NO.
SHEET
OF
SHEETS